

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s): Per HYLDGAARD, Dinko CHAKAROV and Bengt  
LUNDQVIST

Int'l Application No.: PCT/SE02/02461

Application No.: NEW

Filed: June 28, 2004

For: A METHOD FOR MANUFACTURING A  
NANOSTRUCTURE IN-SITU, AND IN-SITU  
MANUFACTURED NANOSTRUCTURE DEVICES

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INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION CONCURRENT WITH THE  
FILING OF A NEW PATENT APPLICATION)

MAIL STOP PCT APPLICATION

June 28, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- ☒ Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☐ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

New PCT National Phase Application  
 Docket No. 32860-000731/US

- ☐ Because the present application is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

III. CONCISE EXPLANATION OF THE RELEVANCE  
 (check at least one box)

- a. ☒ **DOCUMENTS IN THE ENGLISH LANGUAGE**

Some of the attached patents, publications, or other information in the English language do not require a statement of relevancy.

- b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

- c. ☒ **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

- d. ☒ **OTHER**

The following additional information is provided for the Examiner's consideration.

Applicants include a German translation aid for translating terminology in the PCT Search Report and Examination Report to thereby satisfy Applicant's requirement for an English language translation thereof.

- e. ☐ **EQUIVALENCY DOCUMENTS**

New PCT National Phase Application  
Docket No. 32860-000731/US

FEES

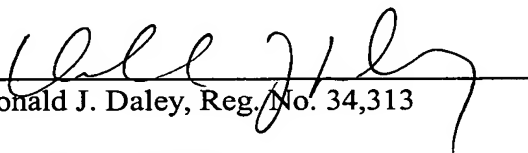
This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 08-0750.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C

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Enclosures: ☒ Form PTO-1449  
☒ Documents  
☒ International Search Report (PCT/ISA/210)  
☐ Fee  
☐ Other: German Translation Aid

Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY DOCKET NO.  
18070-000008/US

APPLICATION NO.

NEW 500384

APPLICANTS  
Per HYLDGAARDCONF. NO.  
UnknownFILING DATE  
June 28, 2004GROUP  
Unknown**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 6,103,399 A	08/15/2000	Elisabeth SMELA, et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS**

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

		D.S. CHUNG, et al., "Field Emission Display Using Self-Aligned Carbon Nanotube Field Emitters", Vacuum Microelectronics Conference 2001, IV Proceedings of the 14 <sup>th</sup> International, Davis, CA, USA, 2001, pp. 179-180
		Paul. L. McEuen, et al., "Single-Walled Carbon Nanotube Electronics", Nanotechnology IEEE Transactions on Nanotechnology, March 2002, Vol. 1, No. 1. pp. 78-85
		David S. Y. HSU, et al., "Gated In-Situ Grown Carbon Nanotube Field Emitter Arrays", Vacuum Microelectronics Conf. 2001, IV Proceedings of the 14 <sup>th</sup> International, Davis, CA, 2001, pp. 51-52

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.